

Applicant : Jacob Bar-Tana  
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**Amendments to the claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of claims:**

- 1-28. (canceled)
29. A method for the treatment of dyslipoproteinemia which comprises orally administering to a human subject a therapeutically effective amount of 3,3,14,14-tetramethyl-hexadecane-1,16-dioic acid.
30. The method of claim 29, wherein the therapeutically effective amount is an amount which also inhibits HNF-4 controlled gene transcription.
31. The method of claim 29, wherein the therapeutically effective amount is an amount which also causes an increase in the level of HDL cholesterol in the subject's plasma.
32. A method for lowering the level of triglycerides in the plasma of a human subject which comprises administering to the human subject an amount of 3, 3, 14, 14-tetramethyl-hexadecane-1, 16-dioic acid effective to lower the level of triglycerides in the subject's plasma.
33. The method of claim 32, wherein the lowering of

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plasma levels of triglycerides is accompanied by an increase in plasma levels of HDL cholesterol.

34. A method for increasing the level of HDL cholesterol in the plasma of a human subject which comprises administering to the human subject an amount of 3, 3, 14, 14-tetramethyl-hexadecane-1, 16-dioic acid effective to increase the level of HDL cholesterol in the subject's plasma.